

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Harry Eugene Flynn et al.  
Title: Changing Fluid Flow Direction

Docket No.: KMG1097  
Filed: September 25, 2003  
Examiner: Unknown



Serial No.: 10/670981  
Due Date: N/A  
Group Art Unit: Unknown

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

We are transmitting herewith the following attached items (as indicated with an "X"):

- ☒ A return postcard.
- ☒ An Information Disclosure Statement (2 pgs.), Form 1449 (1 pg.), and a copy of 1 cited document.

If not provided for in a separate paper filed herewith, Please consider this a **PETITION FOR EXTENSION OF TIME** for sufficient number of months to enter these papers and please charge any additional fees or credit overpayment to Deposit Account No. 11-0650.

CUSTOMER NUMBER 36732

By: Stanley K Hill  
Atty: Stanley K Hill (989-832-8116)  
Reg. No. 37548

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 6<sup>th</sup> day of January, 2004.

Andrew J. Kaul  
Name

[Signature]  
Signature



S/N 10/670981

PATENT

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**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 *et. seq.*, the enclosed materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicants respectfully request that this Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicants request that a copy of the 1449 form, initialed as being considered by the Examiner, be returned to the Applicants with the next official communication.

Pursuant to 37 C.F.R. §1.97(b), it is believed that no fee or statement is required with the Information Disclosure Statement. However, if an Office Action on the merits has been mailed, the Commissioner is hereby authorized to charge the required fees to Deposit Account No. 11-0650 in order to have this Information Disclosure Statement considered.

Applicant believes that the U.S. Patent & Trademark Office has waived the requirement under 37 C.F.R. 1.98 (a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S. patent application publication. The waiver is provided in a pre-OG notice from the U.S. Patent & Trademark Office entitled "Information Disclosure Statements May Be Filed Without Copies of U.S. Patents and Published Applications in Patent Applications filed after June 30, 2003" and dated July 11, 2003. Applicant acknowledges the requirement to submit copies of foreign patent documents and non-patent literature in accordance with 37 C.F.R. 1.98(a)(2).

INFORMATION DISCLOSURE STATEMENT

Serial No :10/670981

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The Examiner is invited to contact the Applicants' Representative at the below-listed telephone number if there are any questions regarding this communication.

Respectfully submitted,

HARRY EUGENE FLYNN ET AL.

By their Representatives,

**CUSTOMER NUMBER 36732**

989-832-8116

Date January 6, 2004

By

Stanley K Hill

Stanley K Hill

Reg. No. 37548

**CERTIFICATE UNDER 37 CFR 1.8:** The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 6<sup>th</sup> day of January, 2004.

Andrew J. Karl

Name

Andrew J. Karl

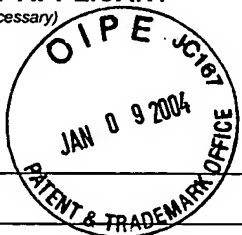
Signature

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)



Complete if Known

Application Number	10/670981
Filing Date	September 25, 2003
First Named Inventor	Flynn, Harry
Group Art Unit	Unknown
Examiner Name	Unknown

Sheet 1 of 1

Attorney Docket No: KMG1097

**US PATENT DOCUMENTS**

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	Filing Date If Appropriate
	US-1,140,720	05/25/1915	Simons, Frank			05/31/1912
	US-1,208,049	12/12/1916	Tillman, Marshall D.			05/29/1914
	US-1,992,960	03/05/1935	Miller, Benjamin H., et al.	285	106	06/25/1932
	US-255,427	03/28/1882	Forman, William			06/22/1881
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	US-4,301,651	11/24/1981	Cocchiara, Franco, et al.	60	282	06/25/1976
	US-4,536,105	08/20/1985	Bungert, Theodor	406	183	02/13/1984
	US-4,554,721	11/26/1985	Carty, Michael W., et al.	29	416	09/26/1983
	US-4,684,155	08/04/1987	Davis, Thomas E.	285	16	04/11/1986
	US-4,900,345	02/13/1990	le Jeune, Andre	55	337	10/21/1988
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	US-5,573,282	11/12/1996	Egner, Randall H., et al.	285	55	02/16/1995
	US-6,422,608	07/23/2002	Lee, Heon K., et al.	285	179	09/11/1999
	US-6,467,812	10/22/2002	Klemm, Robert E., et al.	285	55	12/02/1996
	US-896,762	08/25/1908	Schenck, Eugene A.			09/14/1905

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	T <sup>2</sup>
	GB-2207473	02/01/1989	Gieier, Joachim			

**OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
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EXAMINER

DATE CONSIDERED

Substitute Disclosure Statement Form (PTO-1449)

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional) <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached